

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	16	(procter adj gamble).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 11:33
S4	3	(procter).as. and (robotic).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 11:34
S6	18	sanyo.as. and (robot with cleaning).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 11:44
S7	4	("5896488" "2002156556").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/20 11:50
S8	1	("20020156556").pn.	US-PGPUB; USPAT	OR	ON	2010/04/20 11:51
S9	5113	(clean\$3) with robot	US-PGPUB; USPAT	OR	ON	2010/04/20 12:36
S10	365	(clean\$3) with robot and ((mark\$3) with (floor surface ground wall))	US-PGPUB; USPAT	OR	ON	2010/04/20 12:53
S11	167	(clean\$3) with robot and ((mark\$3) with (floor surface ground wall) with (remov\$3 appl\$3 treat\$3 clean\$3))	US-PGPUB; USPAT	OR	ON	2010/04/20 12:55
S12	1334	134/18.ccls.	US-PGPUB; USPAT	OR	ON	2010/04/21 09:27
S13	1880	(134/18,31,38 701/23,25,26).ccls. and ((treat\$4 clean\$3) with (ground floor surface))	US-PGPUB; USPAT	OR	ON	2010/04/21 10:22

S14	91	(134/18,31,38 701/23,25,26).ccls. and ((treat\$4 clean\$3 mark \$3) with (ground floor surface)) and map and ((treat\$4 clean\$3 mark \$3) with (symbol line shape character color))	US-PGPUB; USPAT	OR	ON	2010/04/21 10:26
S17	4	("5529432" "20050055142").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/21 12:57
S18	15	("4564410"   "4584964"   "4856931"   "4865257"   "4880663"   "4979380"   "5294798"   "5316219"   "5348585").PN. OR ("5529432").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/21 12:58
S19	8	(134/18,31,38 701/23,25,26).ccls. and ((path route) with cad)	US-PGPUB; USPAT	OR	ON	2010/04/21 17:54
S20	207	(134/18,31,38 701/23,25,26).ccls. and ((recognition recogniz\$3) with (object material))	US-PGPUB; USPAT	OR	ON	2010/04/21 17:58
S21	14	(134/18,31,38 701/23,25,26).ccls. and ((recognition recogniz\$3) with (object material) with (reflect\$3))	US-PGPUB; USPAT	OR	ON	2010/04/21 17:58
S22	242	(134/18,31,38 701/23,25,26).ccls. and ((object material) with (reflect\$5))	US-PGPUB; USPAT	OR	ON	2010/04/22 09:56
S23	4	(134/18,31,38 701/23,25,26).ccls. and (object with material with reflect\$5)	US-PGPUB; USPAT	OR	ON	2010/04/22 10:28
S24	16	(object with material with reflect\$5 with recognition )	US-PGPUB; USPAT	OR	ON	2010/04/22 10:52
S25	189	(thermal with object with (recognition recogniz\$3))	US-PGPUB; USPAT	OR	ON	2010/04/22 10:59
S26	23	(thermal with object with (recognition recogniz\$3)) same material	US-PGPUB; USPAT	OR	ON	2010/04/22 11:00

S27	744	(134/18,31,38 701/23,25,26).ccls. and ((object obstacle animal human person debris) near5 (remov\$3 clear\$3 temporal temporary))	US-PGPUB; USPAT	OR	ON	2010/04/22 11:04
S28	231	(134/18,31,38 701/23,25,26).ccls. and ((object obstacle animal human person debris) near5 (remov\$3 clear\$3 temporal temporary)) and (clean\$3 treat\$3) and (track\$3 monitor\$3)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:13
S29	16	(134/18,31,38 701/23,25,26).ccls. and ((object obstruction obstacle animal human person debris) near5 (remov\$3 clear\$3 temporal temporary moved)) same (clean\$3 treat\$3) same (track\$3 monitor\$3)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:13
S30	15	(134/18,31,38 701/23,25,26).ccls. and (((object obstruction obstacle animal human person debris) near5 (remov\$3 clear\$3 temporal temporary moved)) same (track\$3 monitor\$3)) and (robot)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:16
S31	32	(134/18,31,38 701/23,25,26).ccls. and (((object obstruction obstacle animal human person debris) near5 (remov\$3 clear\$3 moved)) with (check\$3 updat\$3 track\$3 monitor \$3 detect\$3)) and (robot)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:21
S32	135	(134/18,31,38 701/23,25,26).ccls. and (((object obstruction obstacle debris) near5 (remov\$3 clear\$3 moved))) and (robot) not (S29 S30 S31)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:26

S33	47	(134/18,31,38 701/23,25,26).ccls. and (((object obstruction obstacle debris) near5 (remov\$3 clear\$3 moved))) and (robot with (clean\$3 treat\$3)) not (S29 S30 S31)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:27
S34	1994	(reflective adj tape)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:44
S35	2	(reflective adj tape) same (signal with strength\$5)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:45
S36	4	(reflective adj tape) same (signal with strong \$2)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:46

**4/ 23/ 2010 12:18:20 PM**

**C:\ Documents and Settings\ skong\ My Documents\ EAST\ Workspaces\ 10557517 20100420  
Robot System Method and Computer Program Product.wsp**